

Title (en)
A DISC BRAKE

Title (de)
SCHEIBENBREMSE

Title (fr)
FREIN À DISQUE

Publication
EP 3431801 A1 20190123 (EN)

Application
EP 17182679 A 20170721

Priority
EP 17182679 A 20170721

Abstract (en)
A disc brake comprising a caliper including an actuation mechanism to transmit an actuating force to a brake pad; a brake carrier to transmit a braking induced torque load from at least one brake pad to a vehicle axle or the like; wherein the actuation mechanism comprises a brake pad support arrangement configured to mount a brake pad thereon and to transmit the majority of the braking induced torque load generated by the brake pad to the brake carrier in use.

IPC 8 full level
F16D 55/226 (2006.01); **F16D 65/00** (2006.01); **F16D 65/097** (2006.01); **F16D 65/18** (2006.01)

CPC (source: EP)
F16D 55/226 (2013.01); **F16D 65/0056** (2013.01); **F16D 65/0972** (2013.01); **F16D 65/0979** (2013.01); **F16D 65/183** (2013.01);
F16D 2055/0008 (2013.01)

Citation (applicant)
• DE 4212352 A1 19931014 - KNORR BREMSE AG [DE]
• EP 2199640 A1 20100623 - MERITOR HEAVY VEHICLE BRAKING [GB]
• US 5449052 A 19950912 - MACKIE WLODZIMIERZ [DE], et al

Citation (search report)
• [XAY] DE 102015103088 A1 20160908 - KNORR BREMSE SYSTEME FUER NUTZFAHRZEUGE GMBH [DE]
• [X] WO 0175324 A1 20011011 - HALDEX BRAKE PROD AB [SE], et al
• [X] DE 102012012833 A1 20140102 - KNORR BREMSE SYSTEME [DE]
• [X] DE 10006392 A1 20010816 - PORSCHE AG [DE]
• [Y] US 5509508 A 19960423 - EVANS MICHAEL D [US]
• [Y] EP 3051164 A1 20160803 - MERITOR HEAVY VEHICLE BRAKING [GB]

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3431801 A1 20190123; EP 3431801 B1 20220907

DOCDB simple family (application)
EP 17182679 A 20170721